

CLAIM AMENDMENTS:

Claim 1 (Currently Amended): An impact cushion mechanism for use in an optical disc drive, the optical disc drive including an optical pick up head, two guide bars supporting the optical pick up head, a driving mechanism for driving the optical pick up head to move back and forth on the guide bars, and a connecting device connecting the optical pick up head and the driving mechanism, the impact cushion mechanism comprising:

two U-shaped elastic pieces~~objects~~ provided at two sides of the connecting ~~part-device~~ to prevent the optical pick up head~~connecting part~~ from colliding with other components, disposed near two ends of the guide bars, in the optical disc drive when the optical pick up head is moving back and forth on the guide bars.

Claim 2 (Currently Amended): The impact cushion mechanism according to claim 1, wherein the U-shaped elastic piece~~object~~ is a U-shaped spring.

Claim 3 (Canceled).

Claim 4 (Currently Amended): The impact cushion mechanism according to claim 3~~1~~, wherein the U-shaped elastic pieces and the connecting device are integrated as a whole.

Claim 5 (Original): The impact cushion mechanism according to claim 1, wherein the connecting device is a rack.

Claim 6 (Currently Amended): The impact cushion mechanism head according to claim 1, wherein the ~~connecting device further connects with a driving mechanism advances the pick up head, comprising~~ comprises a gear and a motor and advances the optical pick up head.

Claim 7 (Currently Amended): The impact cushion mechanism according to claim 1, wherein the ~~connecting device further connects with a driving mechanism moves the optical pick up head, comprising~~ comprises a threaded rod and a motor and moves the optical pick up head.

Claim 8 (Currently Amended): An optical disc drive having an impact cushion mechanism, comprising:

an optical pick up head;

two guide bars supporting the optical pick up head;

a driving mechanism for driving the optical pick up head to move back and forth on the guide bar;

a connecting device connecting the optical pick up head and the driving mechanism; and

two U-shaped elastic pieces~~objects~~ provided at two sides of the connecting device ~~part~~ to prevent the optical pick up head~~connecting part~~ from colliding with other components, disposed near two ends of the guide bars, in the optical disc drive when the optical pick up head is moving back and forth on the guide bars.

Claim 9 (Currently Amended): The optical disc drive according to claim 8, further comprising a chassis, wherein ~~the~~an impact ~~the~~ force can be reduced by the U-shaped elastic pieces~~objects~~ when the connecting device collides with the chassis.

Claim 10 (Canceled).

Claim 11 (Currently Amended): The optical disc drive according to claim ~~10~~ 8, wherein the U-shaped elastic pieces and the connecting device are integrated as a whole.

Claim 12 (Original): The optical disc drive according to claim 8, wherein the driving mechanism further comprises a gear and a motor.

Claim 13 (Original): The optical disc drive according to claim 8, wherein the driving mechanism further comprises a threaded rod and a motor.

Claim 14 (Original): The optical disc drive according to claim 8, wherein the connecting device is a rack.